

Study Number: C20009B-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: Ethinyl estradiol

CAS Number: 57-63-6

C20009B-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 11:38:21

Lab: Battelle

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Males

Treatment Groups (ug/kg)

	0	0.02	0.067	0.2	0.6
Terminal Body Wt. (g)	290.5 ± 8.8 (4)	291.0 ± 8.1 (4)	291.9 ± 5.4 (4)	295.1 ± 5.0 (4)	291.5 ± 8.6 (4)
R. Kidney					
Absolute (g)	1.03 ± 0.05 (4) *	0.95 ± 0.04 (4)	0.92 ± 0.03 (4)	0.94 ± 0.00 (4)	0.89 ± 0.05 (4)
Relative (mg/g)	3.54 ± 0.17 (4)	3.28 ± 0.12 (4)	3.14 ± 0.09 (4)	3.17 ± 0.04 (4)	3.06 ± 0.10 (4) *
L. Kidney					
Absolute (g)	0.99 ± 0.04 (4)	0.92 ± 0.03 (4)	0.88 ± 0.02 (4)	0.88 ± 0.01 (4)	0.90 ± 0.05 (4)
Relative (mg/g)	3.39 ± 0.11 (4)	3.15 ± 0.13 (4)	3.01 ± 0.05 (4)	2.97 ± 0.07 (4)	3.06 ± 0.09 (4)
Liver					
Absolute (g)	12.35 ± 0.91 (4)	11.44 ± 0.61 (4)	11.32 ± 0.51 (4)	11.30 ± 0.20 (4)	11.43 ± 0.47 (4)
Relative (mg/g)	42.53 ± 2.89 (4)	39.23 ± 1.18 (4)	38.72 ± 1.19 (4)	38.29 ± 0.44 (4)	39.19 ± 0.67 (4)

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Males

Treatment Groups (ug/kg)

	1.8	5.4	16.2	48.6
Terminal Body Wt. (g)	286.9 ± 6.1 (4)	288.2 ± 6.2 (4)	282.9 ± 9.7 (4)	284.1 ± 4.9 (4)
R. Kidney				
Absolute (g)	0.88 ± 0.03 (4)	0.93 ± 0.06 (4)	0.91 ± 0.05 (4)	0.91 ± 0.04 (4)
Relative (mg/g)	3.06 ± 0.06 (4) *	3.21 ± 0.17 (4)	3.20 ± 0.13 (4)	3.19 ± 0.11 (4)
L. Kidney				
Absolute (g)	0.84 ± 0.03 (4)	0.91 ± 0.06 (4)	0.91 ± 0.05 (4)	0.88 ± 0.03 (4)
Relative (mg/g)	2.93 ± 0.05 (4) *	3.15 ± 0.19 (4)	3.20 ± 0.14 (4)	3.10 ± 0.07 (4)
Liver				
Absolute (g)	10.77 ± 0.38 (4)	11.34 ± 0.49 (4)	11.65 ± 0.49 (4)	11.38 ± 0.47 (4)
Relative (mg/g)	37.51 ± 0.82 (4)	39.29 ± 0.99 (4)	41.18 ± 0.80 (4)	40.02 ± 1.13 (4)

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****